



Conference on Marine Vessels and Air Quality

February 1 and 2, 2001

Hyatt Regency, Embarcadero Center - San Francisco, California

Agenda

Day 1

7:30 a.m. REGISTRATION AND CONTINENTAL BREAKFAST

**8:30 a.m. OPENING REMARKS – JERRY ASPLAND (PRESIDENT, CALIFORNIA MARITIME ACADEMY)
KEY NOTE SPEAKER – AMERICAN ASSOCIATION OF PORT AUTHORITIES**

9:00 a.m. SESSION I - THE ENVIRONMENTAL PROBLEM

Sources and Transport of Air Pollution from: Overview of the sources and mechanism of marine air pollution generation in non-attainment areas. Discussion of recent studies and trends. Comments on why the marine industry requires further controls.

Public Health, Smog, and Global Warming: Discussion on the global and domestic public health and environmental impacts of shipping-related pollutants (NO_x, PM₁₀, PM_{2.5}, SO_x, HC, CO, aerosols, and CO₂), including areas for future research.

Environmental Considerations in the Commercial Marine: Overview of the commercial marine industry, including vessel types and designs, propulsion systems, differing fuel stocks, and emissions control systems.

Commercial Marine Pollution Inventory: Discussion of existing and projected growth of regional and domestic emissions inventory from shipping, taking into account EPA and IMO regulations; discussion of ports where pollution is a concern.

12:00 p.m. HOSTED LUNCH

1:00 p.m. SESSION II - COMMERCIAL AND PUBLIC IMPACT

Shipping Industry Views on Environmental Regulations: Shipping industry views of the costs and operational impacts that differing environmental regulatory approaches will have on ship design, construction, and operation.

Engine Manufacturer's Views on Environmental Regulations: Marine engine industry views of the costs and operational impacts that differing environmental regulatory approaches will have on engine design, construction, and operation.

Environmental Community Views on Environmental Regulations: Environmental community views of appropriate regulatory approaches to reduce shipping air emission impacts.

2:30 p.m. SESSION III - RULES AND LEGISLATION

State and Local Implementation: Discussion of local and States' status of implementation plans.

Federal and International Rules, Regulations, and Treaties: Discussion of EPA and international environmental emissions control strategies, IMO Annex IV ratification process, status of state implementation plans, pending litigation, notices, and future efforts and direction.

Strategies for Meeting Environmental Requirements: Discussion of proposed means to meet new and future emissions control regulations. Discuss operational solutions including tracer study findings and other technical solutions, including: fuel standards, fuel switching, engine modifications, exhaust treatments; other local port controls, terminal infrastructure, cold ironing, incentives, speed control emission credits; Green Port initiatives; and routing measures.



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Agenda (continued)

Day 2

7:30 a.m. CONTINENTAL BREAKFAST

8:00 a.m. SESSION IV - EMISSION CONTROL TECHNOLOGIES AND INNOVATIVE APPROACHES

Emerging Pollution Control Technology: Discussion of innovative technologies for existing marine diesel engines as well as emerging technology for engine exhaust emissions control.

Incentive Programs: Discussion of low-emissions incentive programs in US, Scandinavia, and the European Union with respect to potential for widespread domestic application.

12:45 p.m. CLOSING REMARKS – JERRY ASPLAND



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